THE URBAN DISTRICT COUNCIL OF TYWYN

A N N U A L

H E A L T H R E P O R T

1 9 7 2

H.FRANCIS,M.B., Ch.B.,D.P.H.
District Medical Officer of Health.

E.V.COLLINS, M.R.S.H., M.A.P.H.I.,
Public Health Inspector.

ANNUAL HEALTH REPORT FOR THE YEAR ENDED
31st DECEMBER, 1972.

TO THE CHAIRMAN AND MEMBERS OF THE URBAN DISTRICT COUNCIL OF TYWYN

Mr. Chairman and Gentlemen,

I have the honour to present the Annual Health Report for the year ended 31st December,1972. This will be the last report presented to Tywyn U.D.C., the first report, of which there is a copy, was in 1893.

The Registrar General's estimate of the mid year population was 3,880. The figure given in 1971 Census was 3,818 and the estimate for 1970 was 4,540.

There were 38 live births with no stillbirths and no infant deaths.(57 live births in 1971 with one stillbirth and one infant death).

The number of deaths was 65 compared with 54 in 1971. Again most of the deaths were from heart disease including coronary artery disease and from strokes. There was,however, a greater proportion of deaths from cancer than in the previous year. There was no death from tuberculosis but one new case of the disease was notified.

I wish to thank Mr.Collins, the Public Health Inspector, the Clerk and all other council officials for their help during the year.

In conclusion I wish to thank all members of the council for their help and support during my period of office.

I remain,

Your obedient Servant,

(Signed) H.FRANCIS

District Medical Officer of Health.

GENERAL STATISTICS

SECTION A.

Area of Tywyn District 1972	-	22,959
Rateable Value	-	128,471
Population (Registrar General's figures)	-	3,880
Sum presented by a penny rate	-	£1,271
Number of inhabited houses (According to Rate Books) at the end of the year	-	1,693

VITAL STATISTICS

Comparability Factors

Births	...	1.38
Deaths	...	0.64

BIRTHS

Live Births		Males	Females	Total
Total	...	16	22	38
Legitimate	...	14	21	35
Illegitimate	...	2	1	3

Live Birth Rate per 1,000 population - 9.8
1971 figures 15.1

Illegitimate Live Births (per 1,000 population) 0.77

STILL BIRTHS		Males	Females	Total
Total	...			Nil

Still Births Rate per 1,000 population - N il
Still Births Rate per 1,000 Total Live and Still Births - Nil

TOTAL BIRTHS	(Live & Still)	Males	Females	Total
	Live	16	22	38
	Still	Nil	Nil	Nil

DEATHS

DEATHS OF INFANTS UNDER ONE YEAR

Total	...	Nil
Legitimate	...	Nil
Illegitimate	...	Nil
Infant Mortaility Rate per 1,000 Live Births	...	Nil
1971 figures	...	18

Deaths of Legitimate Infants Mortality - Nil
(per 1,000 Legitimate Live Births)

Deaths of Illegitimate Infants Mortality - Nil
(per 1,000 illegitimate Live Births)

DEATHS OF INFANTS UNDER 4WEEKS

Total	...	Nil
Legitimate	...	Nil
Illegitimate	...	Nil

DEATHS OF INFANTS UNDER 1 WEEK OF AGE	Males	Females
Total ...	Nil	Nil
Legitimate	Nil	Nil
Illegitimate ...	Nil	Nil

Neo-Natal Mortality Rate - Nil

Early Neo-Natal Mortality Rate - Nil

Perinatal Mortality Rate - Nil

MATERNAL DEATHS (Including abortion)- Nil

MATERNAL MORTALITY(Rate per 1,000

Live Still Births - Nil
1971 figures - Nil

DEATHS	Males	Females	Total
Total number ...	33	32	65

Rate per 1,000population 16.8
1971 figures 14.3

DEATHS FROM CANCER

	Males	Females	Total
Total number ...	9	3	12

Rate per 1,000population - 3.9
1971 figures - 2.9

DEATHS FROM TUBERCULOSIS

Total number .. Nil
Rate per 1,000 pop. .. Nil
1971 figures .. Nil

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA

(1) Public Health Officers of the Authority

One Medical Officer of Health
One Public H ealth Inspector/Surveyor

(2) Laboratory Facilities

Bacteriological examination of water at the Public Health Laboratory,Aberystwyth.
Examination of milk at the Public Health Laboratory, Conway. Chemical Analysis by the Public Analyst,Chester.

(3) Ambulance Facilities

There are three full time ambulance drivers and two ambulances situated at the Fire Station in Tywyn.

(4) Infant Welfare Clinics

Held fortnightly on Wednesday at the Health Centre,Tywyn.
Held at the Church Hall,Aberdyfi every third Tuesday Tuesday in the month.

(5) Ante Natal Clinics

This clinic is held on the 1st and 3rd Friday in the month and last Wednesday in the month.

(6) Orthapaedic Clinic

Held at Tywyn Hospital on the last Tuesday in the month.

(7) Tuberculosis Clinic

At Tywyn Hospital on the 2nd and 4th Friday in each month at 2.00p.m.

(8) Immunisation

Immunisation against Diptheria, Whooping Cough, Tentanus and Poliomyelitis, Measles and Smallpox is carried out at the Infant Welfare Centre and in General Practitioners surgeries.

(9) Hospitals

There is one hospital at Tywyn.

(10) Infectious Diseases

Total number of Infectious diseases (other than Tuberculosis) notified during the year:- Nil

Scarlet Fever
Bacillary Dysentery
Whooping Cough
Measles
Infantile Paralysis
Pneumonia
Infective Jaundice

TUBERCULOSIS		NEW CASES	
Pulmonary		TOTAL	1
Males	1	Females	-
Non-Pulmonary		TOTAL	Nil
Males		Females	

TUBERCULOSIS DEATHS

Pulmonary		TOTAL	Nil
Males		Females	
Non-Pulmonary		TOTAL	Nil
Males		Females	

TUBERCULOSIS

New Cases during 1972 - 1 - in age group 45 to 55 - Respiratory.
No Mortality during the year.

CAUSES OF DEATH 1972

		Males	Females
Tuberculosis of Respiratory System	...	-	-
Other Tuberculosis, Incl.Late Effects	...	-	-
Other Tuberculosis	...	-	-
Enteritis and Other Diarrhoeal Diseases	...	-	-
Other Infective and Parasitic Diseases	...	-	-
Malignant Neoplasm, Buccal Cavity etc.	...	1	-
" " Oesophagus	...	1	-
" " Stomach	...	1	-
" " Intestine	...	1	-
" " Lung, Bronchus	...	2	1
" " Breast	...	-	2
" " Uterus	...	-	-
" " Prostrate	...	1	-
Leukaemia	...	-	-
Other Malignant Neoplasm, etc.	...	2	-
Diabetes Mellitus	...	-	-
Avitaminoses etc.	...	-	-
Other Endocrine etc. Diseases	...	-	-
Anaemias	...	1	-
Other Diseases of Nervous System etc.	....	-	-
Mental Disorders	...	-	-
Multiple Sclerosis	...	-	-
Chronic Rheumatic Heart Disease	...	-	-
Hypertensive Disease	...	-	2
Ischaemic Heart Disease	...	8	9
Other Forms of Heart Disease	...	-	2
Cerebrovascu lar Disease	...	3	8
Other Diseases of Circulatory System	...	2	1
Influenze	...	-	-
Pneumonia	...	3	2
Bronchitis and Emphysema	...	1	-
Other Disease of Respiratory System	...	1	-
Peptic Ulcer	...	1	-
Intestinal Obstruction and Hernia	...	-	1
Cirrhosis of Liver	...	-	-
Other Diseases of Digestive System	...	-	-
Nephritis and Nephrosis	...	-	1
Hyperplasia of Prostate	...	-	-
Other Diseases,Genito-Urinary System	...	1	-
Diseases of Skin,Subcutaneous Tissue	...	-	-
Diseases of Musculo-Skeletal System	...	-	-
Congenital Anomalies	...	-	-
Birth Injury, Difficult Labour, etc.	...	-	-
Carried Forward	...	30	29

Balance b/Forward	...	30	29
Other Causes of Perinatal Mortaility	...	-	-
Symptoms and Ill-Defined Conditions	...	-	1
Motor Vehicle Accidents	...	2	-
All Other Accidents	...	1	1
Suicide and Self-Inflicted Injuries	...	-	-
All other External Causes	...	-	1
TOTAL	...	33	32

FOOD HYGIENE

Food premises were vistied and advice given where required.

No. of Prosecutions

Nil

PUBLIC HEALTH INSPECTOR'S REPORT
SANITARY CIRCUMSTANCES OF THE AREA
WATER SUPPLY

Aberdyfi, Bryncrug, Tywyn and Cwrt

The supply of water to these communities was plentiful and satisfactorily maintained. The Merioneth Water Board became the statutory water undertaking for the County on the 1st April, 1965.

The supply is of an excellent bacteriological standard. Close liason is maintained between the Council and the Merioneth Water Board who carry out most of the sampling.

Bacteriological Examination of Water

41 Water samples were taken and were submitted for analysis, the results of which were all positive. SATISFACTORY.

DRAINAGE AND SEWERAGE

Aberdyfi

The Aberdyfi Sewage Scheme was completed during the early weeks of 1968, and became operational immediately the machinery was installed. Crude sewage is disposed of by discharging into the Dovey Estuary but it is mascerated during pumping operations. The pumping system is controlled by a lunar clock and the pumping cycle is set to operate on the ebb tide. The scheme has functioned satisfactorily and no complaints respecting beach pollution have been notified. The outlet of the discharge Pipe into the Estuary has been extended some 10-15ft.

Tywyn

The gravitation system and Pumping Stations functioned satisfactorily.

Bryncrug.

The Sewage Disposal Works has functioned satisfactorily. The sewage pumping stations serving this village also functioned satisfactorily. Effluent samples taken for analysis by the Gwynedd River Authority proved to be satisfactory.

Cwrt and Pennal Joint Sewerage Scheme

Work is now completed with the construction of the Sewage Disposal Works and laying of the Sewers. Most properties have been connected to the Public Sewer. All Septic Tanks have been disconnected from Drainage Systems and House drains connected to the Public Sewer.

PUBLIC CLEANSING

The system of public cleansing operating in the District is collection of refuse by a 20 cubic yard Pakamatic Refuse Collection Vehicle, weekly collections are maintained for the majority of properties in the district. The outlaying properties are collected every two weeks. Refuse disposal is carried out by controlled tipping at the two disposal tips situate at Tywyn and Aberdyfi respectively. The tips are maintained in a satisfactorily manner.

Public Conveniences

The several public conveniences in the district were maintained in a satisfactorily condition, both structurally and sanitary throughout the year. Some mis-use of the conveniences was experienced through the activities of vandals. It is proposed to construct a new block of Sanitary Conveniences for the Tywyn area in 1973.

SANITARY INSPECTION OF THE AREA

The number and nature of visits were as follows -

		1972
Abattoir	...	160
Accumulations	...	10
Bakehouses	...	26
Cinemas	...	12
Caravan and Camping Sites	...	172
Daries and Milk supplies	...	33
Dirty Condition of Premises	...	2
Disinfestation	...	3
Drainage and Sewerage	...	148
Dwelling Houses	...	450
Factories	...	36
Food Premises - General	...	52
Fouling of Water Courses	...	1
Hill Farming Act	...	1
Ice Crean Premises	...	40
Improvement Grants	...	72
Infectious Diseases and Disinfection	...	1
Keeping of Animals	...	1
Licensed Premises	...	24
National Assistance Act	...	1
Nuisances	...	20
Offensive Odours	...	3
Petroleum Acts	...	44
Public Conveniences	...	80
Refuse Collection and Disposal	...	210
Rodent Control	...	26
Schools	...	1
Shops Act	...	90
Smoke Nuisances	...	2
Unsound Food	...	18
Water Supplies	...	10
Miscellaneous Visits	...	236
Totals	...	1,985

Complaints received and investigated - 118.

The number of notices served and complied with were as shown below -

Statute	Notices not complied with at end of 1972	Notices served during 1971		Notices complied with during 1971.	Notices not complied with at end of 1971.
		Statutory	Informal		
Public Health Health Act	-	-	126	126	Nil
Food and Drugs Act	-	-	-	-	-
Damage by pests Act	-	-	-	-	-
Clean Air Act	-	-	-	-	-
Housing Act	4	-	-	-	-
Total	1	-	126	126	Nil

Housing

During the year the following houses were completed.

Private Houses 50

Council Houses .... 6 Bungalows for the aged in Aberdyfi,

1. Factories Act, 1937 to 1959.

Inspections for purposes of provisions as to health -

	Number on Register	Number of Inspections	Written Notices	Occupiers Prosecuted
1. Factories in which Sections 2,3,4 and 6 are to be enforced by Local Authorities.	9	20	-	-
2. Factories not included in 1. which Section 7 is enforced by the Local Authority	23	24	-	-
3. Other premises in which Section 7 is enforced by the Local Authority (Excluding out-workers premises)	1	1	-	-
Total	33	45	-	-

2. Defects Found

Particulars	Found	Number of Defects		Referred by H.M. Inspector	Prosecutions
		Remedied	Referred by H.M. Inspector		
Want of Cleanliness (S.1.)	-	-	-	-	-
Total	-	-	-	-	-

Disinfection -

One premises was disinfected during the year, following a case of infectious and other diseses.

Disinfestation

Ten premises were treated for insect infestation including ants, beetles, flies and cockroaches.

Anti-fly measures were again carried out on the Aberdyfi and Tywyn Refuse depositories.

Rodent Control

All rodent work at private dwellings was again carried out free of charge, but the cost incurred in treating agricultural and business premises was recovered from the occupiers.

The work of the Rodent Operative during the year is shown overleaf -

Type of Property	Inspections	Number infested and treated for		Visits for Treatment	Total Visits
		Rats	Mice		
Local Authority Properties	140	36	-	32	208
Dwelling Houses	160	22	3	42	227
Agricultural Properties	74	24	-	22	120
Business Properties	33	22	6	16	77
Total	407	104	9	112	632

In addition, the Aberdyfi and Tywyn sewers were twice treated during the year and regular treatments carried out on the Council's two Refuse Depositories.

Caravan Sites and Control of Development Act, 1960.

The Council's Caravan Site situated at Ynysymaengwyn was opened at Easter, 1966. The site provided for 30 caravans at the onset but owing to the demand, the site licence was increased to forty five and subsequently to 135, being 115 static caravans and 20 touring.

Hill Farming and Livestock Rearing Acts

No schemes were effected during the year.

Improvement Grants.

80 applications for grant-aid under the provisions of the Housing Act, 1971, for improvement to houses were received and approved during the year. 56 grants were paid involving an amount in total of £44,884.00.

Animal Boarding Establishment Act, 1963.

During the year one premises were registered under the provisions of the Act and the requisite licence granted.

INSPECTION AND SUPERVISION OF FOOD

Meat and Food Inspection

The table shown below gives the number of carcases inspected and particulars of carcases and parts thereof condemned at the local slaughterhouse -

	Cattle	Sheep and Lambs	Pigs	Calves
Number Killed	332	3189	Nil	-
Number Inspected	332	3153	Nil	-
All diseases except Tuberculosis				
Whole condemned	-	2	-	-
Part or organ condemned	92	352	-	-
Percentage of number affected	-	-	-	-
Tuberculosis only				
Whole condemned	-	-	-	-
Part or organ condemned	-	-	-	-
Percentage of number affected	-	-	-	-
Cysticercus	No Cases Detected			
Part or organ condemned				
Carcasses submitted for treatment				
Totally condemned				

The total number of carcases examined during the year was 3485

Weight of Diseased and Unsound Meat and Offal Condemned

	Tons	Cwts	Qrts	lbs.
Meat	-	-	2	4
Offal	-	6	2	17
	-	7	-	21

All this meat and offal was disposed of for processing recovery purposes by the owners of the slaughterhouse.

	CATTLE						SHEEP AND LAMBS				PIGS						
	Head & Tounge	Lungs	Livers	Part Liver	Spleen	Skirt	Shoulders	Leg	Lungs	Livers	Leg	Head & Tongues	Lungs	Livers	Hearts	Kidneys	Stomach and Intestines
Abcess	1	10	8						24	8							
Actimomycocis																	
Angioma			12														
Bruising																	
Bacillary Necosis																	
Congestion		12		4					20								
Cysts		30	32						44	60							
Degeneration																	
Faciloliosis		10	22	48						25							
Milk Spot																	
Malformation																	
Parasitic		18	26							45							
Pericarditis																	
Peritonitis																	
Pleurisy		14							19								
Pneumonia																	
Stongyli																	
Tuberculosis																	
Melanosis																	
Totals	1	94	100	52					107	138							

I am pleased to report that there were no lessions of Tuberculosis found in any animals slaughtered during this year.

Slaughterhouse Control and Meat Transport

No applications were received for licences in respect of new private slaughterhouses. Adequate facilities to meed the needs of all the local butchers are provided at the existing slaughterhouse owned by the Tywyn Wholesale Meat Co.Ltd.

The general conditions at the slaughterhouse have been well maintained and the standard of hygiene and cleanliness most satisfactory. The work on the provision of additional facilities under the new legislation has been satisfactorily completed. The stunning pen has proved particularly benificial in ensuring the maximum safety and absence of cruelty.

All meat was inspected prior to leaving the slaughterhouse and was of excellent quality throughout the year. Regular visits to the slaughterhouse are made by the Divisional Veterinary Officer who always reported the slaughterhouse to be in a excellent state of cleanliness.

The transport and handling of all meat has been carried out satisfactorily, every precaution being taken to prevent the soiling and contamination of dressed carcasses and offal.

Other Foods Condemned

The following table gives details of the nature of the foodstuffs found to be unfit for human consumption. They were disposed of by burial.

287 tins or Packets of Varied Foodstuffs - Blown and leaking or Decomposed

MILK SUPPLY

No. of Licensed dealers in the District - 12.

The Duties concerned with sampling of milk under the Milk Regulations were transferred to the County Council in 1961. Mr.R.T.Edwards, Chief Inspector of Weights and Measures, has reported as follows on samples taken in the District during the year -

MILK (SPECIAL DESIGNATION) REGULATIONS,1963.

Glass of Milk	No. of Samples	Appropriate Test	No.of Samples	
			Passed	Failed
Pasteurised	29	Methylene Blue Phosphatase	24 29	5 -
Sterilised	7	Turbidity	7	-
Untreated	5	Methylene Blue	5	-
Ultra-heat-treated	4	Colony Count	3	1

BIOLOGICAL MILK SAMPLING (TUBERCULOSIS AND BRUCELLA INFECTION)

Number of samples tested - 5(All free from tubercle bacilli and brucella abortus)

Ice Cream

There are 30 premises in the District registered for the sale of ice-cream. All ice cream in the district is wrapped or pre-packed.

Regular inspections were made of the premises and they were all found to maintain good standard of hygiene.

No samples taken.

Food Hygiene

There are 117 food premises in the district comprising of 9 hotels and licensed premises, 37 guest and boarding houses, 12 cafes, and restaurants, 2 bakehouses, 6 school canteens, 3 butcher shops and 12 confectioners shops. 24 grocers (including green-grocers), 2 fish frying restaurants. In addition there are the 30 ice-cream premises previously mentioned in the report although some of these are included in the premises listed above.

Offices, Shops and Railway Premises Act, 1963

Every premises to which this act applies have been dulyregistered with the Local Authority and the general standard of compliance with the provisions of the Act is good. The total number of registered premises is ninety five.

The standard of hygiene and cleanliness at these premises was generally found to be quite good and I am pleased to report that several improvements were effected during the year. In particular it was found that a number of shops installed refrigerated food display cabinets. An increasing number of shopkeepers, too, are displaying their goods in transparent wrapped containers which provide good protection against external contamination. This indicated an improved awareness of the need for good hygiene in the food catering industry.

Food and Drugs Act, 1955.

Sampling of Food for compositional quality under the above Act is administered by the County Council. Mr.R.T.Edwards Chief Inspector of Weights and Measures has reported as follows on samples taken in the district during the year.

ARTICLE	NO. OBTAINED	NO. CERTIFIED AS ADULTERATED OR NOT UP TO STANDARD	REMARKS
Butter	1	-	
Cream	1	-	
Milk - Formal	6	-	
Informal	5	-	
Sausage - Pork	2	-	
Sausage Rolls	1	-	
Steak with Mushrooms and gravy	1	-	
Total	17	-	